

## **Summary of ATF operations for the week of April 15-19**

reported at ATF Friday Meeting, April 19 2013

- Plasma Holography run accomplished certain intermediate tasks with the laser light directed through the capillary. Fine laser/e-beam synchronization technique based on electron-hole generation in semiconductor is proposed and will be tested before the next run, which is tentatively in July.
- Ion acceleration with Al foils progressed to observing ions in every shot that allowed optimization of the diagnostic based on luminescent screen and ECCD. Two screens have been compared. After finalizing the diagnostic, it will be used in gas jet experiments.
- Incremental progress observed in several technical support tasks such as CAEN supply test, Klystron test, CO2 clean room, as well is in work over the ATF II proposal; no significant results for reporting.